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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/817,615	04/02/2004	David A. Offord	AVNT-033PN	2474
21839	7590	04/22/2005	EXAMINER	
BURNS DOANE SWECKER & MATHIS L L P			GREEN, ANTHONY J	
POST OFFICE BOX 1404			ART UNIT	PAPER NUMBER
ALEXANDRIA, VA 22313-1404			1755	

DATE MAILED: 04/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/817,615

Applicant(s)

OFFORD, DAVID A.

Examiner

Anthony J. Green

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 18 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-2 and 5-6 is/are rejected.
- 7) ☒ Claim(s) 1-4, 7 and 8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4/02/04.

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Election/Restrictions***

1. Applicant's election without traverse of Group I, claims 1-8 in the reply filed on 18 February 2005 is acknowledged.

### ***Response to Preliminary Amendment***

2. Applicants amendment to the claims submitted with the election is considered to be non-compliant as claims 1-8 should be listed as "(original)" claims not "(Previously presented)". Applicant should make a note of this when responding to this office action.

### ***Claim Objections***

3. Claims 1-2 are objected to because of the following informalities:

In claim 1, line 2, the term "comprises" should appear after the term "composition". Note that the term "comprises" does appear in the originally filed claim.

In claim 2, line 1, the term "the" should appear after "wherein". Note that the term "the" does appear in the originally filed claim. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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5. Claims 1-2 and 5-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Derwent Abstract No. 1985-139625, which is an abstract of Soviet Union Patent Specification No. 1122763A.

The reference teaches, in the abstract, a composition comprising aminoformaldehyde resin precondensate, polyethylene emulsion,  $\text{MgCl}_2$  or  $\text{NH}_4\text{Cl}$ , thiourea dioxide and water which is used to treat cellulosic textile material. The examiner has requested a copy of the complete document along with a formal translation of the document and will forward this to applicant upon receipt.

The instant claims appear to be met by the reference. It is known that thiourea dioxide is another name for formamidine sulfinic acid. It is the position of the examiner that the aminoformaldehyde resin precondensate is an example of a durable press agent absent evidence showing otherwise. The polyethylene emulsion is believed to meet applicant particularly claimed polyethylene softener. As for the catalyst the reference teaches the use of  $\text{MgCl}_2$  which is an example of a catalyst used by applicant in the instant invention. Accordingly the instant claims are met by the reference absent evidence showing otherwise.

#### ***Allowable Subject Matter***

6. Claims 3-4 and 7-8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. These claims appear to be allowable as the prior art fails to teach and/or fairly suggest a composition wherein the

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additional component is a water and oil repellent. As stated above, the examiner has requested a translation of the Soviet Document and reserves the right to reject these claims in a subsequent action the translation reveals that the composition may also contain a water and oil repellent.

***Information Disclosure Statement***

7. The remaining references have been considered however they are not seen to teach and/or fairly suggest the instant invention.

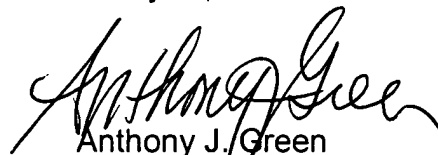
***References Cited By The Examiner***

8. The references are cited as showing the general state of the art and as such, they are not seen to teach or fairly suggest the instant invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony J. Green whose telephone number is 571-272-1367. The examiner can normally be reached on Monday-Thursday 6:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jerry Lorengo can be reached on 571-272-1233. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Anthony J. Green  
Primary Examiner  
Art Unit 1755

ajg  
April 15, 2005